

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-661

MISSION STATUS

Location: North Moloka'i

Latitude: 21° 13.064

Longitude: 156°53.833

Mission Date: 8/27/06

Duration: 8 h 40 min

Maximum Depth: 678 m

Project Title: Canyon & Scavenger Communities of the Main & Northwestern Hawaiian Islands

Principal Investigator: Craig Smith & Eric Vetter

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Phone: 808-956-7776

Observer 1: Eric Vetter

Observer 2: Ric Martini

Address: Hawaii Pacific University
45-045 Kamehameha Ave
Kaneohe, HI 96744

Address:

Pilot 1: Max Cremer

Pilot 2:

Scientific Data Acquired: Prepare an abstract outlining your objectives, techniques, findings, etc.

Objectives:

- Four twelve minute visual/video transects
- Trap deployment, 4 hr +
- Bait station
- 6 sediment cores
- collect octocorals

Species List:

Please mark whether -single; -few (2-10); -many (11-100); -abundant (>100)
(e.g., *Symphysanodon maunaloae*-many)

| | |
|---------------------------------|----------|
| Coryphaenoides | few |
| Caelorhynchus, | many |
| Ventrifossa, | many |
| Synaphobranchus (prob. affinis) | many |
| Media abyssalis | few |
| Conger/Uroconger | many |
| Pycnocraspedum armatum | few |
| Ijimaia | few |
| Plesiobatis daviesi | few |
| Hexanchus griseus | single |
| Squalus mitsukurii | few |
| Sladenia remiger | few |
| Satyrichthys engycerus | few |
| Chlorophthalmus | few |
| Myctophid | many |
| Ruvettus pretiosus | single |
| Sericolophus hawaiiensis | few |
| Polymastia | few |
| Dictyaulus | few |
| Semperella | few |
| Caulophacus | single |
| Regadrella | single |
| Hexactinellid | many |
| Walteria | few |
| Pyrosome | few |
| Actinostolid anemones | many |
| Hormathiid anemones | abundant |
| Actinoscyphid anemones | few |
| Cerianthid anemones | many |
| Corallimorphus anemones | many |
| Iridogorgia bella | single |
| Iridogorgia megaspiralis | few |
| Corallium | few |
| Keratoisis (?) | single |
| Sea pens | many |
| Anthomastus | many |
| Nidalia | single |
| Benthosicymnus | few |
| Paramola japonica | many |
| Randallia distincta | few |
| Heterocarpus laevigatus | many |
| Aristeus | many |
| Cyrtomaia | many |

| | |
|---------------------------|----------|
| Brisinga | many |
| Phormosoma bursarium | many |
| Areosoma | many |
| Aspidodiadema | few |
| Lovenia | few |
| Bathyplores patagiatus | few |
| Stereocideris hawaiiensis | few |
| Paelopatides retifer | abundant |
| Asteroschema | many |
| Antedon | many |

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None, the equipment and crew functioned extremely well.

Recommendations for corrective action or improvement:

None from our perspective.

In your opinion, did the mission essentially achieve its purpose? Compare actual work accomplished with the work that was expected to be accomplished.

The mission achieved its purpose. Shallow sediment depth made coring difficult. Strong currents washed octocorals out of collection box.

List specimens or samples collected on the mission.

Six sediment cores were recovered. Thirty Heterocarpus shrimp were recovered in the trap.

DATA RELEASE

Data may be retained by the project leader for up to 2 years after the mission date with the following exception. NOAA may request to use photos for publication or publicity purposes at any time.

Fill in the appropriate statement below and sign this form.

I hereby release the data archived by HURL for public consumption following mission

_ Canyon & Scavenger Communities of the Main & Northwestern Hawaiian Islands

(project title)

held on__ 9/16/2003 _____(date) in the following way:

- a. CTD data by__ 9/16/2005 _____(date)
- b. voice transcripts, video, and still camera film by__ 9/16/2005 _____(date)
- c. other__ 9/16/2005 _____(date)
- d. I will give my written consent to individuals wishing to use these data prior to the above dates depending on the nature of the request(s).

_____Principal Investigator